



# RIVER MILE 10.9 REMOVAL ACTION PERIMETER AIR MONITORING PROGRAM WEEKLY REPORT

## Summary of perimeter air monitoring for the week ending August 18, 2013

Dredging operations, which began on August 3, 2013, are being continuously monitored to ensure that air quality is maintained at acceptable levels. To monitor air quality, a number of sampling locations have been established as shown on the map below.

*Operations were conducted within acceptable air monitoring limits.*



## Real-Time Air Monitoring Data

Air Monitoring Station	Daily Averages For Week Ending August 18							
	Air Indicator Criteria	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.	Sun.
<b>PMS #1 (Park)</b>								
VOCs (ppm)	10	0.07	0.01	0.00	0.01	0.01	0.06	0.09
H <sub>2</sub> S* (ppm)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dust (ug/m <sup>3</sup> )	450	10	0	2	3	7	9	8
<b>PMS #2 South (Park)</b>								
VOCs (ppm)	10	0.00	0.00	0.01	0.00	0.01	0.01	0.00
H <sub>2</sub> S* (ppm)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dust (ug/m <sup>3</sup> )	450	12	0	4	4	4	3	0.1
<b>Mobile #1 (Park)</b>								
VOCs (ppm)	10	2.4	0.00	0.01	0.03	NS	0.00	NS
H <sub>2</sub> S* (ppm)	0.02	0.00	0.00	0.00	0.00	NS	0.00	NS
Dust (ug/m <sup>3</sup> )	450	23	0	4	7	NS	0	NS
<b>IRS #1 (River)</b>								
VOCs (ppm)	10	0.00	0.00	0.01	0.00	0.03	0.12	0.09
H <sub>2</sub> S* (ppm)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dust (ug/m <sup>3</sup> )	450	3	2	7	18	24	11	3

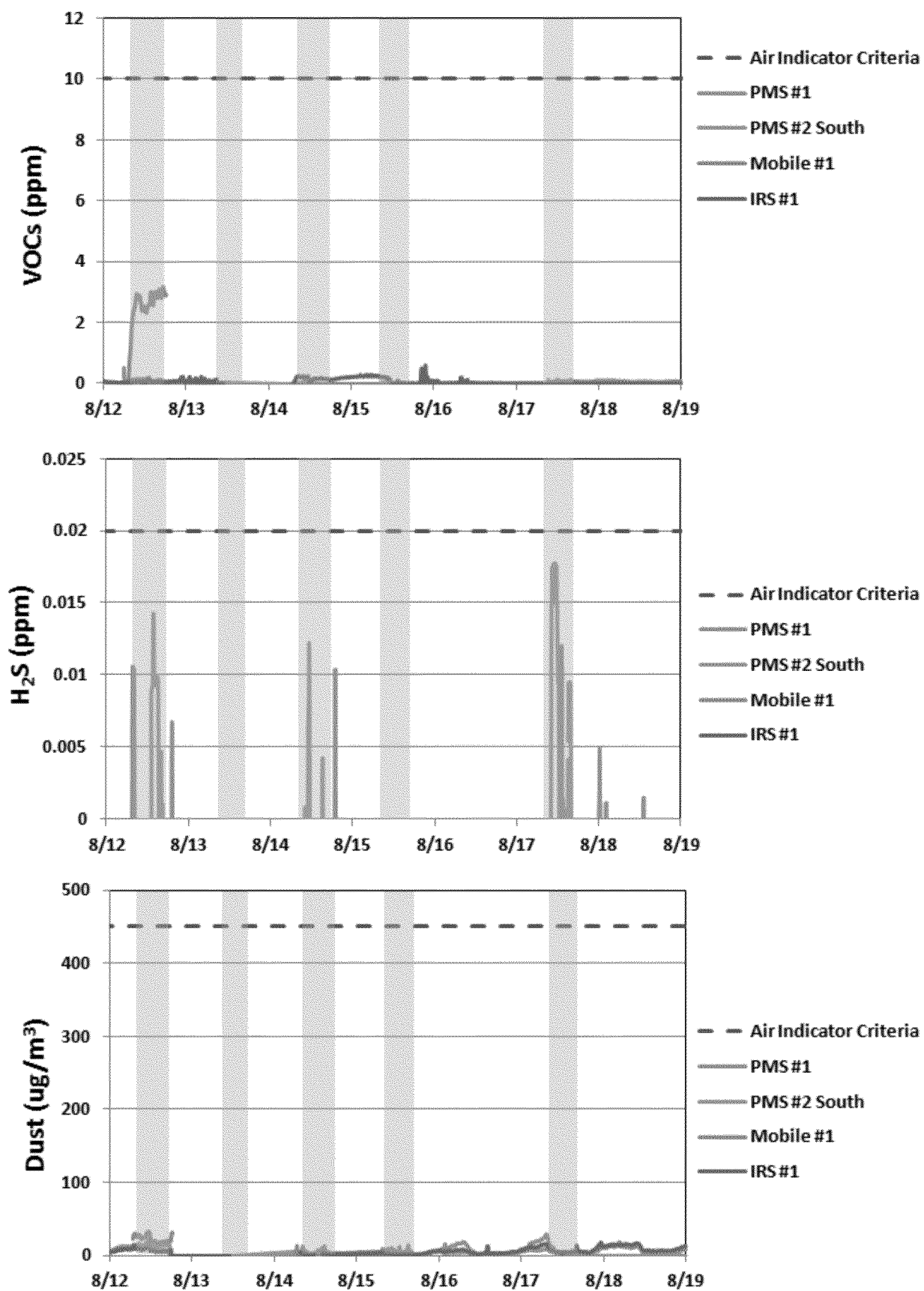
\* Odor indicator, criterion not associated with elevated health risk

**Key:** H<sub>2</sub>S = hydrogen sulfide; NS = not sampled; VOC = volatile organic compound

**Units:** ppm = parts per million; ug/m<sup>3</sup> = micrograms per cubic meter

## Real-Time Air Monitoring

(Times in which there was dredging activity are shown in yellow)



## 24-Hour Composite Air Monitoring

### No Exceedances of Air Indicator Criteria

Station ID	Sample Start Date	Chemical	Air Concentration (ug/m <sup>3</sup> )	Air Indicator Criteria (ug/m <sup>3</sup> )	Exceedance of Air Indicator Criteria
<b>PMS #1 (Park)</b>	8/5/2013	2,3,7,8-TCDD	8.5E-09	2.4E-05	no
	8/3/2013	PCB	ND	1.1E-01	no
	8/2/2013	Mercury	ND	2.4	no
	8/5/2013	Mercury	ND	2.4	no
<b>PMS #2 South (Park)</b>	8/2/2013	2,3,7,8-TCDD	2.0E-09	2.4E-05	no
	8/2/2013	PCB	1.0E-03	1.1E-01	no
	8/5/2013	PCB	ND	0.11	no
	8/5/2013	Mercury	ND	2.4	no
<b>Mobile #1 (Park)</b>	8/3/2013	2,3,7,8-TCDD	1.1E-09	2.4E-05	no
	8/5/2013	2,3,7,8-TCDD	6.4E-10	2.4E-05	no
	8/3/2013	PCB	ND	0.11	no
	8/5/2013	PCB	ND	0.11	no
	8/2/2013	Mercury	ND	2.4	no
	8/5/2013	Mercury	ND	2.4	no
<b>IRS #1 (River)</b>	8/5/2013	2,3,7,8-TCDD	3.7E-09	2.4E-05	no
	8/2/2013	PCB	0.0006	0.11	no
	8/2/2013	Mercury	ND	2.4	no
	8/5/2013	Mercury	ND	2.4	no

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